

State Route (SR) / US Route or Road Name and Description:

# TENNESSEE DEPARTMENT OF TRANSPORTATION EROSION PREVENTION/SEDIMENT CONTROL INSPECTION REPORT

Reason For Inspection:

1st Weekly

2nd Weekly

Are corrective actions required by this inspection report (Y/N):

DATE: 5.9.1/

|  | Wolf River Blvd.  |                                   |   |                      |                       |                    |                        |
|--|---|-----------------------------------|---|----------------------|-----------------------|--------------------|------------------------|
| County(ies):   | TDOT PIN:   | NPDES Permit (NOC)                | #:  | Number of New        | Number of Recurring   | Number of New      | Number of Un-Corrected |
| Shelby   | 101615  | TNR153299                         | TNR153299   |                      | Corrective Actions:   | Sediment Releases: | Sediment Releases:     |
| **************************************   |   |                                   |   | 200                  |                       |                    |                        |
| TDOT Construction No.:   | TDOT Contract No.:  | Contractor:                       |   | /                    | /                     | 0                  | 0                      |
| 7994-1535-54   | ÷   | Acuff Enterprise                  | s Inc.  | 1                    | ·                     |                    |                        |
|  |   | •                                 |   |                      |                       |                    |                        |
|  |   |                                   |   | EPSC Inspector and T | itle (print or type): | Signature:         |                        |
| prepared under my direction of<br>designed to assure that qualit   | ' 전경 프랑스트 ' 전 : - | (ii - 1.17.198) - N - EMMENDENNIM |   | Corold " lorn" C     | tonfill               | 1 1                | 11_1                   |
| information presented. Based   | d on my inquiry of the perso  | n or persons who                  |   | Gerald "Jerry" S     | tariiii               | Den S              | tant                   |
| manage the system, or those<br>information, I cerify that inspe  |   |                                   | Contractor EPSC Inspector and Title (print or type): Signature: |                      |                       |                    | $\cap$                 |
| of erosion and sediment controls have been performed as recorded in the table  |   |                                   |   | Tom Acuff            |                       |                    | 11.                    |
| above. I certify that erosion and sediment controls in the drainage area of the identified outfall where installed as planned and designed in working order as |   |                                   |   | Tom Acum             |                       | Jam                | Cul                    |
|  |   |                                   | TDOT Project Supevisor / Designee and Title Si                  |                      |                       | Signature:         |                        |
| submitting false information, including the possibility of fine and impresonment for   |   |                                   | (print or type):  |                      |                       | 2000               |                        |
| knowing violations.  |   |                                   |   | Michael Rebi         | ck                    |                    |                        |

TDOT EPSC Inspection Weekly Rainfall Data Log

|                  |             | IDOLEPSO      | •        |          |          |          |          |          |          | •  |
|------------------|-------------|---------------|----------|----------|----------|----------|----------|----------|----------|--|
|                  |             | Predicted     | Rainfall | Rainfall | Rainfall | Rainfall | Rainfall | Rainfall |          | TDOT/Contractor Agrees with Inspection Report: |
| Date             | Day of Week | Precipitation | Gauge 1  | Gauge 2  | Gauge 3  | Gauge 4  | Gauge 5  | Gauge 6  | Duration | NO or (YES)                                    |
|                  |             | (%)           | (in)     | (in)     | (in)     | (in)     | (in)     | (in)     | (hr)     | If No, explain and initial:                    |
|                  | Sunday      |               |          |          | N/A      | N/A      | N/A      | N/A      |          |  |
| 5/9/11           | Monday      | 10%           | 0        | 0        | N/A      | N/A      | N/A      | N/A      |          |  |
|                  | Tuesday     |               |          |          | N/A      | N/A      | N/A      | N/A      |          |  |
|                  | Wednesday   |               |          |          | N/A      | N/A      | N/A      | N/A      |          |  |
| 5/5/11           | Thursday    | 2090          | 0        | 0        | N/A      | N/A      | N/A      | N/A      |          |  |
| 5/6/11           | Friday      | 100%          | 0        | 0        | N/A      | N/A      | N/A      | N/A      |          |  |
| 5/6/11<br>5/7/11 | Saturday    | 10 %          | 0        | 0        | N/A      | N/A      | N/A      | N/A      |          |  |
| 5/8/11           | Sunday      | 1000          | 0        | 0        | N/A      | N/A      | N/A      | N/A      |          |  |
| , , , , ,        | Monday      |               |          |          | N/A      | N/A      | N/A      | N/A      |          |  |
|                  |             |               |          |          |          |          |          |          |          | (Additional pages may be attached, if needed)  |

|                                 |                 | (Additional pages may be attached, if needed) |
|---------------------------------|-----------------|---|
| Predicted Precipitation Source: | www.weather.com | Page 1 of <u>5</u>                            |



| State/US | Doute or | Dood | Namo |
|----------|----------|------|------|
|          |          |      |      |

Wolf River Blvd.

TDOT Construction No.: 79954-3537-54

TDOT Contract No.:

| Date | 5/9/2011 |  |
|------|----------|--|
|      |          |  |

| ********                       |                     |                                     |                         |                        |   |                                      |                                |   |
|--------------------------------|---------------------|-------------------------------------|-------------------------|------------------------|---|--------------------------------------|--------------------------------|---|
| Outfall Name<br>or Station No. | Rain<br>Gage<br>No. | Approx.<br>Station No.<br>From / To | LT, RT or<br>Centerline | Date Last<br>Disturbed | Date of Stablilization and Code T = Temp. P = Perm. | Existing EPSC Control Measure Codes* | Current<br>Condition<br>Codes* | Corrective Action(s) or Comments  |
| 11C                            | 2                   | 94+00-106+00                        | LT & RT                 | 5/5/2011               | 05.05.11<br>T                                       | 16,35,41                             | S                              | STABLE (NO ACTION NEEDED)   |
| 11C                            | 2                   | 107+75                              | CENTERLINE              | 5/5/2011               |   | 23                                   | S                              | STABLE (NO ACTION NEEDED)   |
| 1A                             | 1                   | 21+33                               | RT                      | 5/9/2011               |   | 12,24                                | S                              | STABLE (NO ACTION NEEDED)   |
| 1A                             | 1                   | 21+33                               | Centerline              | 5/9/2011               |   | 16,1                                 | I                              | Need temp. mulch between E. top bank of ditch & silt fence with backing in place & reinstall approx. 20 l.f. of silt fence with backing along W. top of bank of ditch taken down by contractor. (See Photo page 5 of 5) |
| 11 C                           | 2                   | 97+50-104+50                        | LT&RT                   | 5/9/2011               |   | 16,35                                | s                              | STABLE (NO ACTION NEEDED)   |
|                                |                     |                                     |                         |                        |   |                                      | 79                             |   |
|                                |                     |                                     |                         |                        |   |                                      |                                |   |
|                                |                     |                                     |                         |                        |   |                                      |                                |   |
|                                |                     |                                     |                         |                        |   |                                      |                                |   |

## **EROSION AND SEDIMENT CONTROL MEASURE CODES**

#### Temporary Silt Fence / Filter Barrier Temporary Seeding with Mulch Excess Dirt Removed from Rdwy. Daily Haul Roads Dampened for Dust Control Upgrade Needed (Failure Noted) Temporary Diversion Berm or Ditch Temporary Mulch 30 U Temporary Slope Drain 17 Erosion Control Blanket 31 Ditch Liner R Replacement Needed 3 32 Rock Silt Screen FM Future Maintenance 4 Rock Check Dams 18 Flexible Channel Liner 19 Catch Basin / Storm Inlet Protection 33 Temporary Silt Fence with Backing C Cleaning Needed 5 Brush Barrier Sediment Removal 20 Riprap Outlet Structure 34 Enhanced Silt Fence Increase Measures 6 Too Wet to Work Condidtions 7 Straw Bale Check 21 Riprap Energy / Velocity Dessipater 35 Sediment Tube W Sediment Dam RO Repeat Occurrence Sand Bags Curb, Gutter, or Storm Sewer Protection 36 Temporary at Construction Exit / Entrance 37 Concrete Washout, other pollution Issues SR Sediment Release Sediment Trap / Basin 23 9 10 Temp Sediment Filter Bag / Dewatering 24 Temporary Stream Crossing 38 Berm (soil, reprap, rock) FS Final Stabilized S Stable (No Action Needed) 25 Turbidity Barrier / Silt Boom 39 Gabion 11 Polyethylene Sheeting 26 Temporary Stream Diversion 40 Sheet Pilling Other (O31): 12 Machined Rip Rap 27 Preserve Natural Resource / Buffer Zone 41 Haul Road Other (O#2): 13 Geotextile 42 Other (O#3): 14 Permanent Seeding with Mulch or Sod Mineral Aggregate Base on Subgrade

**CONDITION CODES** 

| State/US Route or Road | Nam |
|------------------------|-----|
|                        |     |

|    | -15 | Diver | Dlud  |  |
|----|-----|-------|-------|--|
| ٧V | OII | River | DIVU. |  |

TDOT Construction No.:

79954-3537-54

| TDOT Contract No.: |  |
|--------------------|--|
|--------------------|--|

**CONDITION CODES** 

|                |      |               |  |           | Date of        | Existing |           |                                  |
|----------------|------|---------------|--|-----------|----------------|----------|-----------|----------------------------------|
| Outfall Name   | Rain | Approx.       | LT, RT or                                      | Date Last | Stablilization | EPSC     | Current   |                                  |
| or Station No. | Gage | Station No.   | Centerline                                     | Disturbed | and Code       | Control  | Condition | Corrective Action(s) or Comments |
| *(Existing     | No.  | From / To     |  |           | T = Temp.      | Measure  | Codes*    | ~ ~                              |
| Structure)     |      |               |  |           | P = Perm.      | Codes*   |           | Section 1                        |
|                |      |               | 17.12 11.100.00.00.00.00.00.00.00.00.00.00.00. |           | 03.14.11       |          |           |                                  |
| *0A            | 1    | 11+28         | LT   |           | T              | 19       | S         | TEMP. EPSC MEASURES INSTALLED    |
|                |      |               |  |           | 03.14.11       |          |           |                                  |
| *0B            | 1    | 12+80         | RT   |           | T              | 19       | S         | TEMP. EPSC MEASURES INSTALLED    |
|                |      | 111-12        |  | )         | 03.14.11       |          |           |                                  |
| *0C            | 1    | 12+90         | LT   |           | T              | 19       | S         | TEMP. EPSC MEASURES INSTALLED    |
|                |      |               |  |           | 03.14.11       |          |           |                                  |
| *0D            | 1    | 108+00        | LT   |           | Т              | 19       | S         | TEMP. EPSC MEASURES INSTALLED    |
|                |      |               | 255' RT of CL                                  |           | *              |          | 31 -11    | 1. 1011                          |
| *OE            | 4    | 108+10        | along N. curb line                             |           | 03.14.11       |          |           |                                  |
| OE             | 1    | 100+10        | of Farmington                                  |           |                |          |           |                                  |
|                |      |               | Blvd.  |           | Т              | 19       | S         | TEMP. EPSC MEASURES INSTALLED    |
|                |      |               |  |           |                | ornored  |           |                                  |
| OF             | 1    | 13+40         | RT   | 5/5/2011  |                | 23       | S         | STABLE (NO ACTION NEEDED)        |
|                |      |               |  |           | 04.14.11       | 301021   |           |                                  |
| 1 1            | 1    | 11+28-12+80   | LT   |           | Р              | 22,15    | S         | STABLE (NO ACTION NEEDED)        |
|                |      |               |  |           | 05.05.11       |          |           |                                  |
| 11C            | 2    | 107+15-103+50 | LT & RT  | 5/5/2011  | Т              | 16,35    | S         | STABLE (NO ACTION NEEDED)        |
|                |      |               |  |           | 04.21.11       |          |           |                                  |
| 1C             | 1    | 21+33         | LT   | 4/18/2011 | T              | 33       | S         | STABLE (NO ACTION NEEDED)        |
|                |      |               |  |           | 04.25.11       |          |           |                                  |
| 11C            | 2    | 92+00-87+00   | LT & RT  | 4/21/2011 | T              | 16       | S         | STABLE (NO ACTION NEEDED)        |

# **EROSION AND SEDIMENT CONTROL MEASURE CODES**

## Temporary Silt Fence / Filter Barrier Temporary Seeding with Mulch Excess Dirt Removed from Rdwy. Daily 2 Temporary Diversion Berm or Ditch 30 Haul Roads Dampened for Dust Control U Upgrade Needed (Failure Noted) 16 Temporary Mulch Temporary Slope Drain 17 **Erosion Control Blanket** 31 Replacement Needed Ditch Liner Rock Check Dams 18 Flexible Channel Liner Future Maintenance 4 Rock Silt Screen FM 5 Temporary Silt Fence with Backing Cleaning Needed **Brush Barrier** 19 Catch Basin / Storm Inlet Protection Enhanced Silt Fence 6 Sediment Removal 20 Riprap Outlet Structure 34 Increase Measures 7 Straw Bale Check 21 Riprap Energy / Velocity Dessipater Sediment Tube W Too Wet to Work Condidtions 8 Sand Bags 22 Curb, Gutter, or Storm Sewer Protection Sediment Dam RO Repeat Occurrence 9 Sediment Trap / Basin 23 Temporary at Construction Exit / Entrance Concrete Washout, other pollution Issues SR Sediment Release 10 Temp Sediment Filter Bag / Dewatering 24 Temporary Stream Crossing 38 Berm (soil, reprap, rock) FS Final Stabilized S 11 Polyethylene Sheeting 25 Turbidity Barrier / Silt Boom Gabion Stable (No Action Needed) 12 Machined Rip Rap 26 Temporary Stream Diversion Sheet Pilling Other (O31): 13 Geotextile 27 Preserve Natural Resource / Buffer Zone 41 Haul Road Other (O#2): 14 Permanent Seeding with Mulch or Sod Mineral Aggregate Base on Subgrade 42 Other (O#3):

| •   | WTH.  | 5>%  |     |
|-----|-------|------|-----|
| (3) | 33    |      | ġļ. |
|     | GRICU | TURE |     |
|     |       |      | /   |
|     | ****  |      |     |

| State/US Route or Road Name: | Wolf River Blvd. | TDOT Construction No.: | 79954-3537-54 | TDOT Contract No.: |
|------------------------------|------------------|------------------------|---------------|--------------------|
|                              |                  |                        |               |                    |

| Date 5/9/2011 |
|---------------|
|---------------|

| Outfall Name or Station No. | Rain<br>Gage<br>No. | Approx.<br>Station No.<br>From / To | LT, RT or<br>Centerline | Date Last<br>Disturbed | Date of Stablilization and Code T = Temp. P = Perm. | Existing EPSC Control Measure Codes* | Current<br>Condition<br>Codes* | Corrective Action(s) or Comments         |
|-----------------------------|---------------------|-------------------------------------|-------------------------|------------------------|---|--------------------------------------|--------------------------------|--|
| 1                           | 1                   | 14+14                               | LT                      |                        |   |                                      | S                              | OUTFALL STABLE<br>NO CURRENT ACTIVITY    |
| 1A                          | 1                   | 21+50                               |                         |                        |   |                                      |                                |  |
| 1B                          | 1                   | 22+00                               |                         |                        |   |                                      |                                |  |
| 1C                          | 1                   | 21+00                               | LT                      | 4/21/2011              | 8   | 10                                   | RO                             | Repeat Occurrence (See Photo page 5 of 5 |
| 2A                          | 1                   | 33+50                               |                         |                        |   |                                      |                                |  |
| 2B                          | 1                   | 35+50                               |                         |                        |   |                                      |                                |  |
| 3                           | 1                   | 34+50                               |                         |                        |   |                                      |                                |  |
| 4                           | 1                   | 40+00                               |                         |                        |   |                                      |                                |  |
| 5A                          | 1                   | 49+00                               |                         |                        |   |                                      |                                |  |
| 5B                          | 1                   | 50+00                               |                         |                        |   |                                      |                                |  |

## **EROSION AND SEDIMENT CONTROL MEASURE CODES**

### Temporary Silt Fence / Filter Barrier Temporary Seeding with Mulch Excess Dirt Removed from Rdwy. Daily 2 Temporary Diversion Berm or Ditch 16 Temporary Mulch 30 Haul Roads Dampened for Dust Control U Upgrade Needed (Failure Noted) 3 Temporary Slope Drain 17 Erosion Control Blanket 31 Ditch Liner R Replacement Needed 4 Rock Check Dams 18 Flexible Channel Liner 32 Rock Silt Screen FM **Future Maintenance** 5 Brush Barrier C 19 Catch Basin / Storm Inlet Protection 33 Temporary Silt Fence with Backing Cleaning Needed 20 **Enhanced Silt Fence** 6 Sediment Removal Riprap Outlet Structure 34 Increase Measures Riprap Energy / Velocity Dessipater 7 Straw Bale Check 21 35 Sediment Tube W Too Wet to Work Condidtions 8 Sand Bags 22 Curb, Gutter, or Storm Sewer Protection 36 Sediment Dam RO Repeat Occurrence 9 Sediment Trap / Basin 23 Temporary at Construction Exit / Entrance 37 Concrete Washout, other pollution Issues SR Sediment Release Temp Sediment Filter Bag / Dewatering Temporary Stream Crossing 38 Berm (soil, reprap, rock) FS Final Stabilized 10 24 S Polyethylene Sheeting 25 39 Gabion 11 Turbidity Barrier / Silt Boom Stable (No Action Needed) Machined Rip Rap 12 26 Temporary Stream Diversion 40 Sheet Pilling Other (O31): 13 Other (O#2): Geotextile 27 Preserve Natural Resource / Buffer Zone 41 Haul Road 14 Permanent Seeding with Mulch or Sod Mineral Aggregate Base on Subgrade 42 Other (O#3):

CONDITION CODES

No Picture but need temp. mulch between top of east bank and existing silt have receded, Flood waters Filter Bag location – RO fence. (I) Outfall 1C Sta. 21+33 LT. Approx. Corrections are needed as indicated. (I)(RO) flow Reinstall ± 20 L.F. silt fence with backing on west bank

